

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21	(channel adj estimat\$3) same (pre adj equaliz\$5)	US-PGPUB; USPAT	OR	ON	2006/11/14 09:24
L2	28	(channel adj estimat\$3) same (pre adj equaliz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 10:04
L3	50	(channel near3 estimat\$3) same (pre adj equaliz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 10:04

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L1	36	(pre adj equaliz\$5) same noise same (add or addition or sum or summation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 14:31
L2	39	precoding same (noise or impair\$4) same (add or addition or sum or summation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 14:54
L3	297	(channel near3 estimat\$3) same ((gaussian or noise or impair\$4) with (add or addition or sum or summation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 14:56
L4	2277	precoding or pre-equaliz\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 14:56
L5	11	3 and 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 14:56

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L1	51	((pre adj equaliz\$5) or (pre adj coding)) same (white or gaussian or random)	US-PGPUB; USPAT	OR	ON	2006/11/14 15:53
L2	0	(pre adj equaliz\$5) same (noise adj generator)	US-PGPUB; USPAT	OR	ON	2006/11/14 15:53
L3	9	(pre adj equaliz\$5) and (noise adj generator)	US-PGPUB; USPAT	OR	ON	2006/11/14 15:58
L4	8	(pre adj equaliz\$5) same (white adj noise)	US-PGPUB; USPAT	OR	ON	2006/11/14 15:58


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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard




- ☐ 1. **Sum capacity of Gaussian vector broadcast channels**  
 Wei Yu; Cioffi, J.M.;  
[Information Theory, IEEE Transactions on](#)  
 Volume 50, Issue 9, Sept. 2004 Page(s):1875 - 1892  
 Digital Object Identifier 10.1109/TIT.2004.833336  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(384 KB) IEEE JNL  
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- ☐ 2. **A vector-perturbation technique for near-capacity multiantenna multiuser communication-part II: perturbation**  
 Hochwald, B.M.; Peel, C.B.; Swindlehurst, A.L.;  
[Communications, IEEE Transactions on](#)  
 Volume 53, Issue 3, March 2005 Page(s):537 - 544  
 Digital Object Identifier 10.1109/TCOMM.2004.841997  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(496 KB) IEEE JNL  
[Rights and Permissions](#)
- ☐ 3. **Analysis of different precoding/decoding strategies for multiuser beamforming**  
 Boche, H.; Schubert, M.;  
[Vehicular Technology Conference, 2003. VTC 2003-Spring](#). The 57th IEEE Se  
 Volume 1, 22-25 April 2003 Page(s):39 - 43 vol.1  
 Digital Object Identifier 10.1109/VETECS.2003.1207497  
[AbstractPlus](#) | Full Text: [PDF](#)(380 KB) IEEE CNF  
[Rights and Permissions](#)
- ☐ 4. **Multiuser MIMO systems and interference avoidance**  
 Popescu, D.C.; Rose, C.;  
[Acoustics, Speech, and Signal Processing, 2003. Proceedings. \(ICASSP '03\). International Conference on](#)  
 Volume 4, 6-10 April 2003 Page(s):IV - 828-31 vol.4  
[AbstractPlus](#) | Full Text: [PDF](#)(341 KB) IEEE CNF  
[Rights and Permissions](#)
- ☐ 5. **Microscopic antenna diversity techniques for equalized and precoded wireless communications**  
 Badra, R.E.; Daneshmand, B.;  
[Wireless Communications and Networking Conference, 1999. WCNC. 1999 IE](#)  
 21-24 Sept. 1999 Page(s):873 - 877 vol.2  
 Digital Object Identifier 10.1109/WCNC.1999.796796

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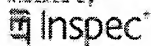
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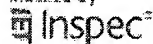
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